

State of Michigan Desktop Comparison Guide

As of 3/31/15

For the purpose of this document, we define a **desktop** as a personal **computer** in a form intended for regular use at a single location desk/table due to its size and power requirements. There are two desktops available: Dell OptiPlex 7020 Minitower and the Dell OptiPlex 7020 Small Form Factor.



NOTE: Numbers listed in this document (DXX) are ITRAC numbers.

How to decide which machine is best for you

The decision will be based primarily on personal preference, but these facts may help you decide on the device that is the best fit for you:

- If you are looking to save space, choose the OptiPlex 7020 Small Form Factor.
- If you need faster DVD writing speed, choose the OptiPlex 7020 Minitower.

Details on each model

Dell OptiPlex 7020 Minitower –

This desktop is a standard size for a desktop tower. This model comes with a warranty of 4 years with on-site service on the next business day. This model comes with a 16X DVD+/-RW drive, which means that it will burn information to a DVD at a faster rate than the other model. This model has two

ITRAC numbers since one comes with a 22" Dell Monitor (D03) and the other comes with no monitor (D14).

Technical Specifications

- Intel® Core™ i5-4590 Processor (Quad Core, 6MB, 3.30GHz w/HD4600 Graphics)
- 8GB DDR3 SDRAM at 1600MHz
- 500GB 3.5inch SATA (7.200 RPM) Hard Drive
- 16X Half Height DVD+/-RW Drive
- No Wireless
- Dimensions: 14.2" x 6.9" x 16.4"
- 4 USB 3.0 and 6 USB 2.0 ports
- 1 Serial Port
- 1 VGA Port
- 2 DisplayPorts



Dell OptiPlex 7020 Small Form Factor –

This desktop is a smaller version of the one mentioned above. This model comes with a warranty of 4 years with on-site service on the next business day. This model comes with an 8X DVD+/-RW drive, this means that it will burn information to a DVD at a slower rate than the Minitower. This model has two ITRAC numbers since one comes with a 22" Dell Monitor (D02) and the other comes with no monitor (D12).

Technical Specifications

- Intel® Core™ i5-4590 Processor (Quad Core, 6MB, 3.30GHz w/HD4600 Graphics)
- 8GB¹ DDR3 SDRAM at 1600MHz
- 500GB 3.5inch SATA (7.200 RPM) Hard Drive

- 16X Half Height DVD+/-RW Drive
- No Wireless
- Dimensions: 11.4" x 3.7" x 12.3"
- 4 USB 3.0 and 6 USB 2.0 ports
- 1 Serial Port
- 1 VGA Port
- 2 DisplayPorts



Comparison

	<u>OptiPlex 7020 Minitower</u>		<u>OptiPlex 7020 Small Form Factor</u>	
	D03	D14	D02	D12
Processor	i5	i5	i5	i5
Storage	500 GB SATA	500 GB SATA	500 GB SATA	500 GB SATA
Keyboard	Yes	Yes	Yes	Yes
Memory	8 GB DDR3	8 GB DDR3	8 GB DDR3	8 GB DDR3
Warranty	4 year	4 year	4 year	4 year
USB Ports	10	10	10	10
Display Ports	2	2	2	2
Monitor	Yes, 22"	No	Yes, 22"	No
Optical Drive	16X DVD+/-RW	16X DVD+/-RW	8X DVD+/-RW	8X DVD+/-RW